PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION International Bureau



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)			
(51) International Patent Classification 4: A61F 5/00, A61M 29/02	A2	1	1) International Publication Number: WO 87/00034 3) International Publication Date: 15 January 1987 (15.01.87)
(21) International Application Number: PCT/GB86/00392 (22) International Filing Date: 7 July 1986 (07.07.86) (31) Priority Application Number: 8517092		(81) Designated States: AT (European patent), BE (European patent), CH (European patent), DE (European patent), FR (European patent), GB (European patent), IT (European patent), LU (European patent), NL (European patent), SE (European patent), US.	
(32) Priority Date: 5 July 1985 ((33) Priority Country:	(05.07.8		Published Without international search report and to be repu- blished upon receipt of that report.
 (71)(72) Applicant and Inventor: TAYLOR, Thomas, Vincent [GB/GB]; Beech Bank, 27 Bloomsbury Lane, Timperley, Altrincham, Cheshire (GB). (74) Agent: MARSH, Roy, David; Michael Burnside & Part- 			•
ners, 2 Serjeants' Inn, Fleet Street, Londo 1HL (GB).	n EC4	ŧΥ	

(54) Title: ARTIFICIAL BEZOAR

(57) Abstract

An inflatable balloon (10) is placed in the stomach, to treat obesity by reducing appetite for food. The balloon can be inflated by liquid delivered to it by a supply line, (Fig. 1), by the gaseous reaction product of a chemical reaction within the ballon (Fig. 3) or by absorption of liquid through its semi-permeable wall (Fig. 4). The balloon is preferably piriform or ellipsoidal. Delivery to the stomach of the balloon (10) and supply line (13) by an overtube (14) with a closed smooth end presentation (16) is achieved by providing a fully-bounded side slit (17) in the overtube (14) from which the balloon (10) exists the overtube during its inflation. The balloon valve (11) and supply line (13) are preferably a mutual friction fit, enabling traction on the supply line alone to leave the balloon free-floating in the stomach following its inflation.